

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH-2467 (US)APPLICATION NUMBER
10/816,480LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
W. E. EVANS ET ALFILING DATE
4/1/04GROUP ART UNIT
1625

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>K</i>	AA	2,219,575	6/39	McNamee et al	260	348	
<i>K</i>	AB	5,380,697	1/95	Matusz et al	502	348	
<i>K</i>	AC	4,874,879	10/89	Lauritzen et al	549	536	
<i>K</i>	AD	2002/0010094	1/2002	Lockemeyer	502	439	
<i>K</i>	AE	4,389,338	6/83	Mitsuhata et al	252	463	
<i>K</i>	AF	4,845,296	7/89	Ahmed et al	564	477	
<i>K</i>	AG	4,822,900	4/89	Hayden	549	534	
<i>K</i>	AH	4,761,394	8/88	Lauritzen	502	348	
<i>K</i>	AI	5,100,859	3/92	Gerdes et al	502	439	
<i>K</i>	AJ	6,368,998	4/02	Lockemeyer	502	347	
<i>K</i>	AK	5,102,848	4/92	Soo et al	502	218	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>K</i>	AL	96/04989 A1	2/98	WO	B01J	23/50		<i>C</i>
<i>K</i>	AM	00/15332	3/00	WO	B01J	23/04		<i>C</i>
<i>K</i>	AN	00/15333	3/00	WO	B01J	23/50		<i>C</i>

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>K</i>	AR	Kirk-Othmer's Encyclopedia Of Chem. Tech., 3 rd Ed., Vol. 9 (1980), pgs. 445-447.					
<i>K</i>	AS	Kirk-Othmer's Encyclopedia Of Chem. Tech., 2nd Ed., Vol. 4 (1964), page 566.					
<i>K</i>	AT	Brunauer, Emmet & Teller, J. of Amer. Chem. Soc., Vol. 60 (1938); pgs. 309-316.					

EXAMINER

Raymond Conner

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k	BA	5,646,087	7/97	Rizkalla et al	502	347	
k	BB	5,739,075	4/98	Matusz	502	302	
k	BC	5,504,052	4/96	Rizkalla et al	502	347	
k	BD	5,444,034	8/95	Rizkalla	502	347	
k	BE	5,770,746	6/98	Cocker et al	549	534	
k	BF	6,087,299	7/00	Grub et al	502	347	
k	BG	6,372,925	4/02	Evans et al	549	536	
k	BH	5,155,242	10/92	Shankar et al	549	534	
k	BI	4,766,105	8/88	Lauritzen	502	216	
k	BJ	5,801,259	9/98	Kowaleski			
k	BK	5,395,812	3/95	Nagase et al	502	238	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
k	BL	00/15334	3/00	WO	B01J	23/50		✓
k	BM	00/15335	3/00	WO	B01J	23/50		✓
k	BN	933,130 A2	8/99	EP (Abstract)	B01J	23/66		✓

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

k	BR	Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE, XP002296657, J. Am. Chem. Soc., Vol. 56 (1934); pgs. 1870-1872.						
k	BS	International Search Report, dated January 18, 2005, for PCT/US2004/010457 (TH2467 PCT).						
k	BT	International Preliminary Examination Report, dated August 18, 2005, for PCT/US2004/010457 (TH2467 PCT).						

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<i>h</i>	CA	4,007,135	2/77	Hayden et al	252	467	
<i>h</i>	CB	5,854,167	12/98	Rizkalla et al	502	216	
<i>h</i>	CC	6,762,311	7/04	Rizkalla et al	549	534	
<i>h</i>	CD	5,780,656	7/98	Rizkalla et al	549	534	
<i>h</i>	CE	5,736,483	4/98	Rizkalla	502	347	
<i>h</i>	CF	5,407,888	4/95	Herzog et al	502	317	
<i>h</i>	CG	6,656,874	12/03	Lockemeyer	502	347	
<i>h</i>	CH	6,579,825	6/03	Lockemeyer	502	347	
<i>h</i>	CI	6,511,938	1/03	Liu et al	502	347	
<i>h</i>	CJ	6,750,173	6/04	Rizkalla et al	502	348	
<i>h</i>	CK	5,801,259	9/98	Kowaleski	549	536	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
<i>h</i>	CL	266,015 A1	5/88	EP	B01J	23/68		✓
<i>h</i>	CM	1,489,335	10/77	GB	B01J	23/66		✓
<i>h</i>	CN	2004/002972 A2	1/2004	WO	C07D	301/10		✓

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>h</i>	CR	International Search Report, dated June 11, 2004, for PCT/US03/19827 (TH1808 PCT).						
<i>h</i>	CS	International Search Report, dated February 20, 2004, for PCT/US03/20095 (TH2202 PCT).						
<i>h</i>	CT	International Search Report, dated October 30, 2003, for PCT/US2003/019828 (TH2305 PCT).						

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DA						
DB						
DC						
DD						
DE						
DF						
DG						
DH						
DI						
DJ						
DK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No
DL	716,884 A2	6/96	EP	B01J	23/66		✓
DM	003642 A2	8/79	EP	C07D	301/10		✓
DN	95/05896	3/95	WO	B01J	23/66		✓

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

DR	Letter to European Patent Office dated July 11, 2000, relating to European Patent Application No. 95203469.2-2104, Publication No. 716884.
DS	U.S. Patent and Trademark Office Action for Appl. Serial No. 10/606,440 (TH1808) dated February 25, 2005.
DT	U.S. Patent and Trademark Office Action for Appl. Serial No. 10/606,440 (TH1808) dated August 18, 2005.

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EA						
EB						
EC						
ED						
EE						
EF						
EG						
EH						
EI						
EJ						
EK						

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes No
EL 352,849 A1	1/90	EP	C07D	301/10	
EM 1,170,663	11/69	GB	B01J	11/20	
EN 326,392 A1	8/89	EP	C07D	301/10	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ER	International Preliminary Examination Report, dated October 27, 2004, for PCT/US2003/19827 (TH1808 PCT).
ES	International Preliminary Examination Report, dated October 5, 2004, for PCT/US2003/20095 (TH2202 PCT).
ET	International Preliminary Examination Report, dated October 29, 2004, for PCT/US2003/19828 (TH2305 PCT).

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FA						
FB						
FC						
FD						
FE						
FF						
FG						
FH						
FI						
FJ						
FK						

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes No
FL 352,850	1/90	EP	C07D	301/10	
FM WO 01/96324	12/01	WO	C07D	301/00	
FN 567,273 A1	10/93	EP	C07D	301/10	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

FR	Written Opinion, dated July 16, 2004, for PCT/US03/19827 (TH1808 PCT).
FS	Written Opinion, dated March 16, 2004, for PCT/US03/20095 (TH2202 PCT).
FT	Written Opinion, dated May 6, 2005, for PCT/US03/19828 (TH2305 PCT).

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	GA					
	GB					
	GC					
	GD					
	GE					
	GF					
	GG					
	GH					
	GI					
	GJ					
	GK					

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>k</i>	GL 1,191,983	5/70	GB	C07D	1/14		—
<i>k</i>	GM 1,002,575 A2	5/00	EP	B01J	23/04		✓
	GN						

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	GR	
	GS	
	GT	

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